



DATE: January 21, 1993

TO: District Engineers
District Field/Construction Engineers
Resident/Project Engineers
District Local Government Engineers

FROM: Gerald D. Dobie
Engineer of Construction

SUBJECT: **CONSTRUCTION INSTRUCTIONAL MEMORANDUM 1993-4**
Progress Payment for Lump Sum Items

The enclosed guidelines will be used to establish a uniform partial payment schedule for lump sum items.

Engineer of Construction

GDD:KAG:jd

cc: Staff Engineers
Staff Technicians
S. Olszewski
S. Wehrle
Engineering Services Division
M & T Division
Design Division
MRBA
MAPA
MCPA
W. Homrich, OMA
H. Linne, Maintenance
R. Hunt, Finance (Starmail)
Subject Index: Progress Estimates

**GUIDELINES TO ESTABLISH UNIFORM PARTIAL PAYMENT SCHEDULE
FOR LUMP SUM ITEMS**

ITEM/ITEM CODE	METHOD OF PARTIAL PAYMENT
Removal of Structures 2060001	Partial payment on the estimated percentage of structures removed and disposed of according to Standard Specification 2.06.
Removal of Portion of Structures 2060002	Partial payment on the estimated percentage of the portions of structures removed and disposed of according to Standard Specification 2.06.
Removing Building 2070029	Partial payment of 80% when the building foundation and rubble is removed and the balance paid when area is graded, restored, and accepted.
Cofferdams 2090007	All cofferdams for the structure will be grouped as a unit and measured as explained here. Divide the lump sum bid price by the number of substructures requiring a cofferdam and pay 80% when each substructure cofferdam is installed. Pay the balance (20%) when the cofferdam is removed.
Project Cleanup 2140001	Pay per Standard Specification 2.14, page 120.
Cleaning Pavement 4000003	This work includes cleaning the foundation, joints, and cracks and also includes sweeping of shoulders, base courses, and leveling courses as necessary. Pay on the percentage of stations completed. Suggest 80% pay for completion of base course; 20% pay for remaining courses.
Furnishing Equipment for Driving Piles 5020100	If pile driving equipment is acceptable, pay 100% when pile driving operations start.
Galvanizing Piles 5020105	Divide the lump sum unit price by the number of piles and pay 95% of the cost per pile when delivered to the job site. Pay 5% when piles are driven and cleaned.

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ITEM/ITEM CODE	METHOD OF PARTIAL PAYMENT
Chain Wrapping 5020110	Partial payment based on the number of pile cluster chain wrapping compared to the number to be wrapped.
Forming, Finishing, and Curing Superstructure Concrete 5030027	Pay 80% for forming, 10% for finishing, and 10% for curing.
Temporary Supports 5030028	Pay on the basis of temporary supports installed versus the total number needed. 80% for installation; 20% for removal.
Structural Steel, Salvage, and Re-erect 5040027	Pay 50% when the structural steel is removed and 50% when the structural steel is re-erected.
Field Repair of Damaged Coating 5040030	Partial payment on the basis of spans repaired versus total spans needing repairs.
Cleaning Existing Steel Structure (Type 4) 5040045	Partial payment on the estimated percentage of area completed and primed compared to the total area to be cleaned.
Coating Existing Steel Structure (Type 4) 5040046	Partial payment on the estimated percentage of area completed compared to the total area to be cleaned. For each coat use the following percentages to estimate areas; 50% prime coat, 25% intermediate, and 25% prime coat.
Shear Developers 5040080	Partial payment on the basis of spans completed and accepted versus total spans.
Post Tensioning 5050008	Partial payment on the basis of spans completed and accepted versus total spans.
Temporary Structure 5070001	Partial payment to be made on the cost breakdown of major components completed. Cost breakdown to be agreed upon by the contractor and engineer.

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ITEM/ITEM CODE	METHOD OF PARTIAL PAYMENT
Removal of Temporary Structures 5070002	Partial payment to be made on the cost breakdown of major components removed. Cost breakdown to be agreed upon by the contractor and the engineer.
Removal of Portions of Structures (Rehabilitation) 5090070	Partial payment on the percentage of estimated work completed versus the total amount of removal.
Cleaning and Sealing Construction Joints 5090095	Partial payment on the basis of estimated linear feet completed versus the total linear feet required.
Timber Structure 5150001	Partial payment to be made on the cost breakdown of the major components of work completed. The cost breakdown to be agreed upon by the contractor and engineer.
Extended Water Outlets 6180035	Partial payment based on the number of water outlets completed versus the total number to be extended.
Chlorination 6180040	Payment upon acceptance of Health Department test.
Mechanical Equipment 6190001	Partial payment on the paid invoice up to 60% of the contract unit price when the equipment is delivered to the project and the balance paid at the completion of the installation and acceptance.
Electrical Equipment for Pumphouse 6190002	Partial payment on the paid invoice up to 60% of the contract unit price when the equipment is delivered to the project and the balance paid at the completion of the installation and acceptance.

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ITEM/ITEM CODE	METHOD OF PARTIAL PAYMENT
Miscellaneous Metal Work 6190003	Partial payment on the paid invoice up to 60% of the contract unit price when the equipment is delivered to the project and the balance paid at the completion of the installation and acceptance.
Field Coating (Pumphouse) 6190004	Partial payment on the percentage of work completed versus the total work to be done. Note: Some areas or parts require two coats, some one coat, and some none per Standard Specification 6.19.05c, page 365.
Mobilization 6230001	Partial payment per Standard Specification 6.23.02, page 376.
Relocating Signs 6260138	Partial payment based on the percentage of signs relocated versus total signs to be relocated.
Minor Traffic Devices 6310054	Partial payment per Standard Specification 6.31.13, page 417.
Flag Control 631055	Partial payment based on the percentage of project completed.
Site Preparation 6500001	Partial payment based on the number of holes excavated and backfilled with prepared soil versus the total number of holes required.
Watering and Cultivating, First Season 6500002	Partial payment per Standard Specification 6.50.14, page 427.
Watering and Cultivating, Second Season 6500002	Partial payment per Standard Specification 6.50.14, page 427.